

Page 1 of 1

All amounts are calculated in domestic currency.

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
PO27654	1	VC-MET002	Metaux Solutions								
			M4130NB0.500X03. f 000		3/9/2015	3/13/2015	47.0000	\$23.81	0.0000	0	\$1,119.04
CAD	No		4130 Bar 0.500 x 3.00	f	47.0000	DCUSER		\$1,119.04	0.0000	0	
			m131783								
	2		MSTEEL-A2- B0.500X1.250	f	3/9/2015	3/13/2015	128.0000	\$10.37	0.0000	0	\$1,326.77
	No		AISI A2 TOOL STEEL BAR, 0.500 X 1.250	f	128.0000	DCUSER		\$1,326.77	0.0000	0	
			m131783								
	3		71401-45		3/9/2015	3/13/2015	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES		1.0000	DCUSER		\$0.00	0.0000	0	
			m131783								
Total Received Quantity:											176.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$2,445.81
Total Balance Due Quantity:											0.0000

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7

Tel.: 450 641-3330

Customer: 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Shipping Order

12/03/2015

Order : 104058
Reference : 27654
Bid : 12815
Ship : PICK UP / PICK UP

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Deliver	B/O Qty
TP12A2	A-2 PLATE TFA 1/2" THICK 12 X 1.25" X 127.5" -0+0 HT;PM5455	290	290	0
MP124130N	4130 NORM PLATE .500 THICK AMS 6345 40 X 3" X 14" HT;R9091	11.68	11.68	5

SHIP TST COLLECT
JP

SP15-03-13

Shipping : _____
Package No : _____

Ref. : _____

Merchandise Received: _____

SHIP TO:

ARCELORMITTAL PLATE LLC

TEST CERTIFICATE

PAGE NO: 01 OF 02
FILE NO: 2765-01-01
MILL ORDER NO: 60866-001
MELT NO: R9091
DATE: 06/29/11

SOLD TO:

SEND TO:

01-C

PLATE DIMENSIONS / DESCRIPTION

TOTAL QTY	GAUGE	WIDTH	LENGTH	DESCRIPTION	PIECE WEIGHT
30	.5"	72"	144"	RECTANGLE	1470#

CUSTOMER INFORMATION

CUSTOMER PO: 031811MC

DAS
14
9-89

15/03/19

SPECIFICATION(S)

THIS MATERIAL HAS BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH PURCHASE ORDER REQUIREMENTS AND SPECIFICATION(S).

AMS 6345B YR 07 AIRCRAFT

AMS 6345C YR. 11

UNS

AIRCRAFT QUALITY AMS 2301 REV. J ASTM A829

GRADE 4130, AISI 4130, MIL S-18729C CONDITION N

THE MANAGEMENT SYSTEMS FOR MANUFACTURE OF THIS PRODUCT ARE CERTIFIED TO ISO 9001:2000 (CERTIFICATE NO. 30130) AND ISO 14001 (CERTIFICATE NO. 009496).

CHEMICAL COMPOSITION

	C	MN	P	S	CU	SI	NI	CR	MO
MELT: R9091	.30	.50	.010	.003	.12	.24	.09	.96	.20
PROD ANALYSIS	.31	.50	.010	.004	.11	.23	.08	.93	.19
	V	AL	CB						
MELT: R9091	.057	.016	.001						
PROD ANALYSIS	.054	.014	.001						

MANUFACTURE

ELECTRIC FURNACE QUALITY - FINELINE - VACUUM DEGASSED - FINE GRAIN PRACTICE - MCQUAID-EHN GRAIN SIZE PER E112 - 7-8

HEAT TREAT CONDITION

MATL OR TEST	HEAT TREAT DESCRIPTION	NOM TEMP	HOLD MINS	COOL MTHD
PL/TEST	NORMALIZE	1660F	28	AIR COOL

WE HEREBY CERTIFY THE ABOVE INFORMATION IS CORRECT:

ARCELORMITTAL PLATE LLC
QUALITY ASSURANCE LABORATORY
139 MODENA ROAD
COATESVILLE, PA 19320

REVISED COPY 09/22/14

Elinore Zaplitny
SUPERVISOR - TEST REPORTING
ELINORE ZAPLITNY

TEST CERTIFICATE

PAGE NO: 02 OF 02
FILE NO: 2765-01-01
MILL ORDER NO: 60866-001
MELT NO: R9091
DATE: 06/29/11

MECHANICAL PROPERTIES

BEND TEST - BOT./TRANS. - PASS

BEND TEST - TOP/LONG. - PASS

DAS
14
9-89

15/03/19

TENSILE PROPERTIES

LOC	DIR	YIELD STRENGTH PSI X 100	TENSILE STRENGTH PSI X 100	ELONGATION GAGE LGTH	%
BOT.	TRANS.	751	1159	2.00"	17.0
BOT.	TRANS.	770	1188	2.00"	18.0
TOP	TRANS.	748	1165	2.00"	16.0
TOP	TRANS.	776	1228	2.00"	17.0

DECARB TESTING

LOC	DEPTH	SURFACE	SUBSURFACE
BOT.	.013	0	0
BOT.	.008	0	0
TOP	.008	0	0
TOP	.007	0	0

OTHER METALLURGICAL AND MICROSTRUCTURAL TESTS

THERMAL RESPONSE TOP - 43 - GAUGE TESTED - .37500

THERMAL RESPONSE TOP - 41 - GAUGE TESTED - .37500

MAGNETIC PARTICLE - FREQUENCY .00001 - SEVERITY .00001

GENERAL INFORMATION

ALL STEEL HAS BEEN MELTED AND MANUFACTURED IN THE U.S.A.
MATERIAL HAS BEEN VACUUM DEGASSED AND CALCIUM TREATED
FOR SULFIDE SHAPE CONTROL.
MAG. PART. FREQ. AND SEVERITY RATING PER AMS-2031J.
FOR MORE INFORMATION AND PROCESSING GUIDELINES, REFER TO
WWW.ARCELORMITTAL.COM/PLATEINFORMATION

B/L #44747 MAVERICK TRANSPORTATION

WE HEREBY CERTIFY THE ABOVE
INFORMATION IS CORRECT:

ARCELORMITTAL PLATE LLC
QUALITY ASSURANCE LABORATORY
139 MODENA ROAD
COATESVILLE, PA 19320

Elinore Zaplitny
SUPERVISOR - TEST REPORTING
ELINORE ZAPLITNY



Jérôme Primeau
Représentant aux ventes
j.primeau@metauxolutions.com

2625, boul. Jacques Cartier Est
Longueuil (Québec) J4N 1L7
Tél. : 450 641-3330 Téléc. : 450 641-3332
Tél. : 514 633-8010 Téléc. : 514 633-8044
1 800 967-2003

www.metauxolutions.com

ORDERED: 06/27/14 PO#: 35732-F
SHIPPED: 06/30/14 REF PO#:
SP FROM: Finished Material - Washington
REF NO.: 005A

SHPVIA: WILL CALL
TERMS : 1/28 10 Days, Net 30

SKIDS : 13 GROSS WT : 45654

PRODUCT DESCRIPTION

SHIPPED PCS SHIPPED LBS

A2-05000
1/2 X 31-1/4" X 143-3/4" A2 PLT
AIRTRUE DLX
COUNTRY OF ORIGIN CHINA
ASTM: A-681-08

1 669
667

DAS
14 15/03/19
9-89

PLATE# : 306423A
HEAT# : PM5455
BHN : 231-238

C - 1.0200 Mn - 0.4700 P - 0.0170 S - 0.0020 Si - 0.2400
Ni - 0.1300 Cr - 4.9000 Mo - 0.9300 Cu - 0.0600 V - 0.3400
W - - - - -

A2-07500
3/4 X 30-3/4" X 137-1/4" A2 PLT
AIRTRUE DLX
COUNTRY OF ORIGIN CHINA
ASTM: A-681-08

1 928
922

PLATE# : 306448A
HEAT# : PM5366
BHN : 226-244

C - 1.0200 Mn - 0.4800 P - 0.0160 S - 0.0020 Si - 0.1500
Ni - 0.1200 Cr - 4.9000 Mo - 0.9600 Cu - 0.0400 V - 0.1800
W - - - - -

*** Continued ***

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MSTEEL-A2
DATE: 15/03/19

PO / BATCH NO.: 27654/M 131783

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 128'
QUANTITY INSPECTED: 128'
QUANTITY REJECTED: _____

THICKNESS ORDERED: .500X1.250
THICKNESS RECEIVED: .500X1.300
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>14</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>15/03/19</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4130
DATE: 15/03/19

PO / BATCH NO.: 27651/M131783

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 47'
QUANTITY INSPECTED: 47'
QUANTITY REJECTED: _____

THICKNESS ORDERED: .500 X 3.00
THICKNESS RECEIVED: .510 X 3.150
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>N</u>	
CORRECT FINISH	<u>Y</u>	<u>N</u>	
CORROSION	Y	<u>N</u>	
CORRECT GRAIN DIRECTION	<u>Y</u>	<u>N</u>	
CORRECT MATERIAL	<u>Y</u>	<u>N</u>	
CORRECT THICKNESS	<u>Y</u>	<u>N</u>	
PHOTO REQUIRED	Y	<u>N</u>	
CORRECT MATERIAL	<u>Y</u>	<u>N</u>	
CORRECT REF # TO LINK CERT	<u>Y</u>	<u>N</u>	
CORRECT MATERIAL IDENTIFICATION	<u>Y</u>	<u>N</u>	
CORRECT M# ON THE MATERIAL	<u>Y</u>	<u>N</u>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14</u> DATE: <u>15/03/19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27654**

Purchase Order Date 3/4/2015

PO Print Date 3/4/2015

Page Number 1 of 2

Order From : VC-MET002
METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	800 558 8858	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	TST Overland	Currency	CAD
Ship Acct:		FOB	Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M4130NB0.500X03.000	4130 Bar 0.500 x 3.00	3/9/2015 Yes 3/9/2015		47.00 f	\$29.77	\$1,399.15
MATERIAL: AISI 4130N STEEL BAR PER MIL-S-6758 OR AMS 6345/6348/6370/6528							
40 PCS CUT TO SIZE 14"							
Line Total:							\$1,399.15
2	MSTEEL-A2-B0.500X1.250	AISI A2 TOOL STEEL BAR, 0.500 X 1.250	3/9/2015 Yes 3/9/2015		128.00 f	\$12.96	\$1,658.88
MATERIAL: AISI A2 TOOL STEEL, ANNELED CONDITION AS PER A681							
TOLERANCE -0+0" AS PER QUOTATION #12815 CUT AT 1.25"							
Line Total:							\$1,658.88

SP15-03-13

Note:

3/4/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27654**

Purchase Order Date 3/4/2015

PO Print Date 3/4/2015

Page Number 2 of 2

Order From :
METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

VC-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 800 558 8858

Ship To Contact
Ship To Phone
Ship Via: TST Overland
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

3 71401-45 PROCUREMENT
QUALITY CLAUSES

3/9/2015

1.00

\$0.00

\$0.00

No

3/9/2015

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality document

625-03-13

Line Total: \$0.00

PO Total: \$3,058.03

Handwritten signature

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 3/4/2015